

ductruong

***** STN Columbus *****

FILE 'HOME' ENTERED AT 15:10:29 ON 01 JUL 2008

=> FILE PNTTEXT

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'EPFULL' ENTERED AT 15:10:48 ON 01 JUL 2008

COPYRIGHT (C) 2008 European Patent Office / FIZ Karlsruhe

FILE 'FRFULL' ENTERED AT 15:10:48 ON 01 JUL 2008

COPYRIGHT (C) 2008 Univentio

FILE 'GBFULL' ENTERED AT 15:10:48 ON 01 JUL 2008

COPYRIGHT (C) 2008 Univentio

FILE 'PATDPFULL' ENTERED AT 15:10:48 ON 01 JUL 2008

COPYRIGHT (C) 2008 DPMA

FILE 'PCTFULL' ENTERED AT 15:10:48 ON 01 JUL 2008

COPYRIGHT (C) 2008 Univentio

FILE 'RDISCLOSURE' ENTERED AT 15:10:48 ON 01 JUL 2008

COPYRIGHT (C) 2008 Kenneth Mason Publications Ltd.

FILE 'USPATFULL' ENTERED AT 15:10:48 ON 01 JUL 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 15:10:48 ON 01 JUL 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 15:10:48 ON 01 JUL 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (polyarylene sulfide or poly arylene sulfide) and sulfur source and
dihalo-aromatic compound#

5 FILES SEARCHED...

L1 52 (POLYARYLENE SULFIDE OR POLY ARYLENE SULFIDE) AND SULFUR SOURCE
AND DIHALO-AROMATIC COMPOUND#

=> s l1 and alkali metal hydroxide#

L2 31 L1 AND ALKALI METAL HYDROXIDE#

=> s l2 and organic amide solvent#

L3 27 L2 AND ORGANIC AMIDE SOLVENT#

=> s l3 and dehydrat?

L4 22 L3 AND DEHYDRAT?

=> s l4 and distillat? and water

L5 21 L4 AND DISTILLAT? AND WATER

=> s l5 and polymerization

L6 21 L5 AND POLYMERIZATION

=> s l6 and control the pH

1 FILES SEARCHED...

ductruong

3 FILES SEARCHED...

5 FILES SEARCHED...

L7 4 L6 AND CONTROL THE PH

=> D L7 1-4

L7 ANSWER 1 OF 4 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN

AN 2005:152289 EPFULL EDP 20061115 ED 20061115 UP 20061115

DUPD 20061115 DUPW 200646

TIEN PROCESS FOR PRODUCING POLYARYLENE SULFIDE.

TIFR PROCEDE DE SYNTHSE DE SULFURE DE POLYARYLENE.

IN SUZUKI, Koichi, c/o Research Center, Kureha Co., 16, Ochiai,

Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;

SATO, Hiroyuki, c/o Research Center, Kureha Co., 16, Ochiai,

Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;

SATO, Nobuo, c/o Research Center, Kureha Co., 16, Ochiai, Nishiki-machi,

Iwaki-shi, Fukushima 9748686, JP;

KAWAMA, Hirohito, c/o Kureha Corporation, 3-3-2, Nihonbashi-Hamacho,

Chuo-ku, Tokyo 1038552, JP

PA Kureha Corporation, 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552, JP

PAN 7199200

DT Patent

LAF Japanese

LA English

LAP English

TL English; French

PIT WOAI International application published with search report

PI WO 2006046748 A1 20060504

DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL

PL PT RO SE SI SK TR

EXTENSION STATES: AL BA HR MK YU

AI EP 2005-800046 A 20051026

WO 2005-JP20053 A 20051026

PRAI JP 2004-317025 A 20041029

IPCI C08G0075-02 [I,A]

C08G0075-00 [I,C*]

AN 2005:152289 EPFULL EDP 20061115 ED 20070801 UP 20080206

DUPD 20080206 DUPW 200806

TIEN PROCESS FOR PRODUCING POLYARYLENE SULFIDE.

TIFR PROCEDE DE SYNTHSE DE SULFURE DE POLYARYLENE.

TIDE VERFAHREN ZUR HERSTELLUNG VON POLYARYLENSULFID.

IN SUZUKI, Koichi, c/o Iwaki Factory, Kureha Corporation, 16, Ochiai,

Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;

SATO, Hiroyuki, c/o Research Center, Kureha Co., 16, Ochiai,

Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;

SATO, Nobuo, c/o Research Center, Kureha Co., 16, Ochiai, Nishiki-machi,

Iwaki-shi, Fukushima 9748686, JP;

KAWAMA, Hirohito, c/o Kureha Corporation, 3-3-2, Nihonbashi-Hamacho,

Chuo-ku, Tokyo 1038552, JP

PA Kureha Corporation, 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552, JP

PAN 7199200

AG Albrecht, Thomas, Kraus & Weisert Thomas-Wimmer-Ring 15, 80539

Muenchen, DE

AGN 83202

DT Patent

ductruong

LAF Japanese
LA English
LAP English
TL German; English; French
PIT EPA1 Application published with search report
PI EP 1813638 A1 20070801
WO 2006046748 20060504
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL
PL PT RO SE SI SK TR
AI EP 2005-800046 A 20051026
WO 2005-JP20053 A 20051026
PRAI JP 2004-317025 A 20041029
IPCI C08G0075-02 [I,A]
C08G0075-00 [I,C*]
L7 ANSWER 2 OF 4 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN
AN 2004:25578 EPFULL
DUPD 20041117 DUPW 200447
TIEN POLYARYLENE SULFIDE AND PROCESS FOR PRODUCING THE
SAME.
TIFR SULFURE DE POLYARYLENE ET PROCEDE D'ELABORATION.
IN KAWAMA, Hirohito, Kureha Chemical Industry Co.Ltd., 16, Ochiai,
Nishiki-machi, Iwaki-shi, Fukush, JP;
MATSUZAKI, Mitsuhiro, Kureha Chemical Industry Co., 16, Ochiai,
Nishiki-machi, Iwaki-shi, Fukushima 748686, JP;
MIYAHARA, Michihisa, Kureha Chemical Industry Co., 16, Ochiai,
Nishiki-machi, Iwaki-shi, Fukushima 748686, JP;
SUZUKI, Koichi, Kureha Chemical Industry Co., 16, Ochiai, Nishiki-machi,
Iwaki-shi, Fukushima 748686, JP;
SATO, Hiroyuki, Kureha Chemical Industry Co., 16, Ochiai,
Nishiki-machi, Iwaki-shi, Fukushima 748686, JP
PA Kureha Chemical Industry Company, Limited, (Chemical Industry Company,
Limited, Kureha), 1-9-11, Nihonbashi Horidome-cho, Chuo-ku, Tokyo
103-8552, JP
PAN 4076311
DT Patent
LAF Japanese
LA English
LAP English
TL English; French
PIT WO1 International application published with search report
PI WO 2004065457 A1 20040805
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
SI SK TR
EXTENSION STATES: AL LT LV MK
AI EP 2004-703890 A 20040121
WO 2004-JP477 A 20040121
PRAI JP 2003-11760 A 20030121
JP 2003-435562 A 20031226
IC.VER 7
ICM C08G075-00
AN 2004:25578 EPFULL ED 20051019 UP 20071205
DUPD 20071205 DUPW 200749
TIEN POLYARYLENE SULFIDE AND PROCESS FOR PRODUCING THE
SAME.
TIFR SULFURE DE POLYARYLENE ET PROCEDE D'ELABORATION.
TIDE POLYARYLENSULFID UND HERSTELLUNGSVERFAHREN DAFUER.

ductruong

IN KAWAMA, Hirohito, Kureha Chemical Industry Co. Ltd., 16, Ochiai,
Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;
MATSUZAKI, Mitsuhiko, Kureha Chemical Industry Co., 16, Ochiai,
Nishiki-machi, Iwaki-shi, Fukushima 748686, JP;
MIYAHARA, Michihisa, Kureha Chemical Industry Co., 16, Ochiai,
Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;
SUZUKI, Koichi, Kureha Chemical Industry Co., 16, Ochiai, Nishiki-machi,
Iwaki-shi, Fukushima 9748686, JP;
SATO, Hiroyuki, Kureha Chemical Industry Co., 16, Ochiai, Nishiki-machi,
Iwaki-shi, Fukushima 9748686, JP
PA Kureha Corporation, 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552,
JP
PAN 7199200
AG Jones, Helen M.M., Gill Jennings & Every LLP Broadgate House 7 Eldon
Street, London EC2M 7LH, GB
AGN 57931
DT Patent
LAF Japanese
LA English
LAP English
TL German; English; French
PIT EPAL Application published with search report
PI EP 1586601 A1 20051019
WO 2004065457 20040805
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
SI SK TR
AI EP 2004-703890 A 20040121
WO 2004-JP477 A 20040121
PRAI JP 2003-11760 A 20030121
JP 2003-43562 A 20031226
IPCI C08G0075-00 [I,A]
C08G0075-00 [I,C*]
L7 ANSWER 3 OF 4 USPATFULL on STN
AN 2007:303428 USPATFULL
TI Production Process of Poly(Arylene Sulfide
)
IN Suzuki, Koichi, Fukushima, JAPAN
Sato, Hiroyuki, Fukushima, JAPAN
Sato, Nobuo, Fukushima, JAPAN
Kawama, Hirohito, Tokyo, JAPAN
PI US 20070265425 A1 20071115
AI US 2005-666346 A1 20051026 (11)
WO 2005-JP20053 20051026
20070426 PCT 371 date
PRAI JP 2004-317025 20041029
DT Utility
FS APPLICATION
LN.CNT 1680
INCL INCLM: 528/388.000
INCLS: 528/373.000
NCL NCLM: 528/388.000
NCLS: 528/373.000
IC IPCI C08G0075-14 [I,A]; C08G0075-00 [I,C*]
IPCR C08G0075-00 [I,C]; C08G0075-14 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7 ANSWER 4 OF 4 USPATFULL on STN
AN 2006:87217 USPATFULL

ductruong

TI Polyarylene sulfide and process for producing the
same
IN Kawama, Hirohito, Fukushima, JAPAN
Matsuzaki, Mitsuhiro, Fukushima, JAPAN
Miyahara, Michihisa, Fukushima, JAPAN
Suzuki, Koichi, Fukushima, JAPAN
Sato, Hiroyuki, Fukushima, JAPAN
PI US 20060074219 A1 20060406
AI US 2004-542543 A1 20040121 (10)
WO 2004-JP477 20040121
20050718 PCT 371 date
PRAI JP 2003-11760 20030121
JP 2003-435562 20031226
DT Utility
FS APPLICATION
LN.CNT 1587
INCL INCLM: 528/388.000
NCL NCLM: 528/388.000
IC IPCI C08G0075-14 [I,A]; C08G0075-00 [I,C*]
IPCR C08G0075-00 [I,C]; C08G0075-14 [I,A]; C08G0075-02 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> S L6 AND ALKALI METAL hydrosulfide
L8 19 L6 AND ALKALI METAL HYDROSULFIDE

=> S L7 AND ALKALI METAL hydrosulfide
L9 4 L7 AND ALKALI METAL HYDROSULFIDE

=>